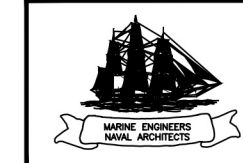


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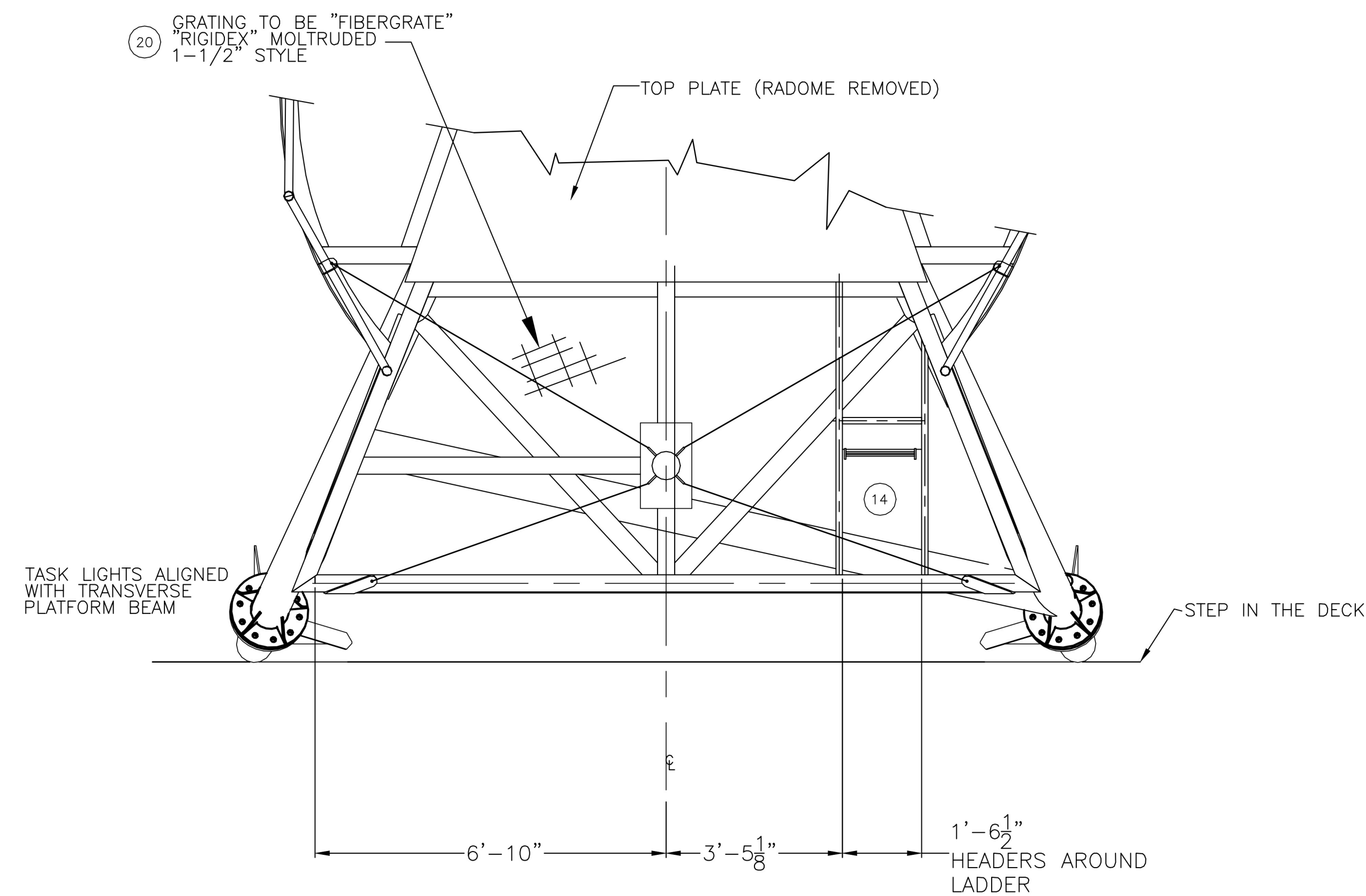
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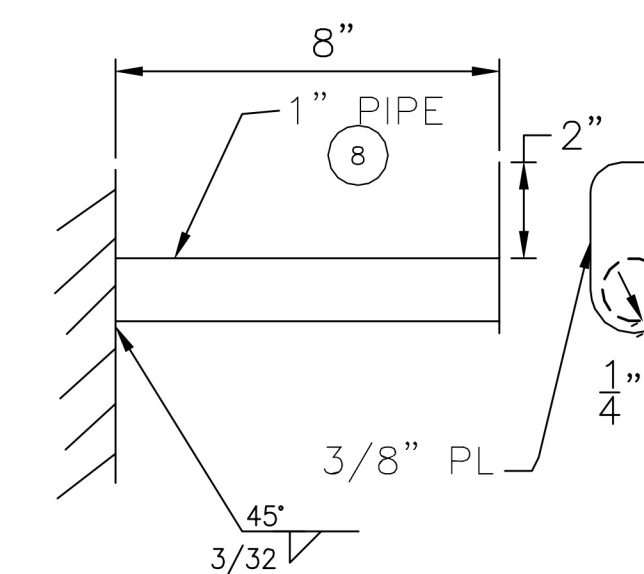


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ESSEX, CT 06426
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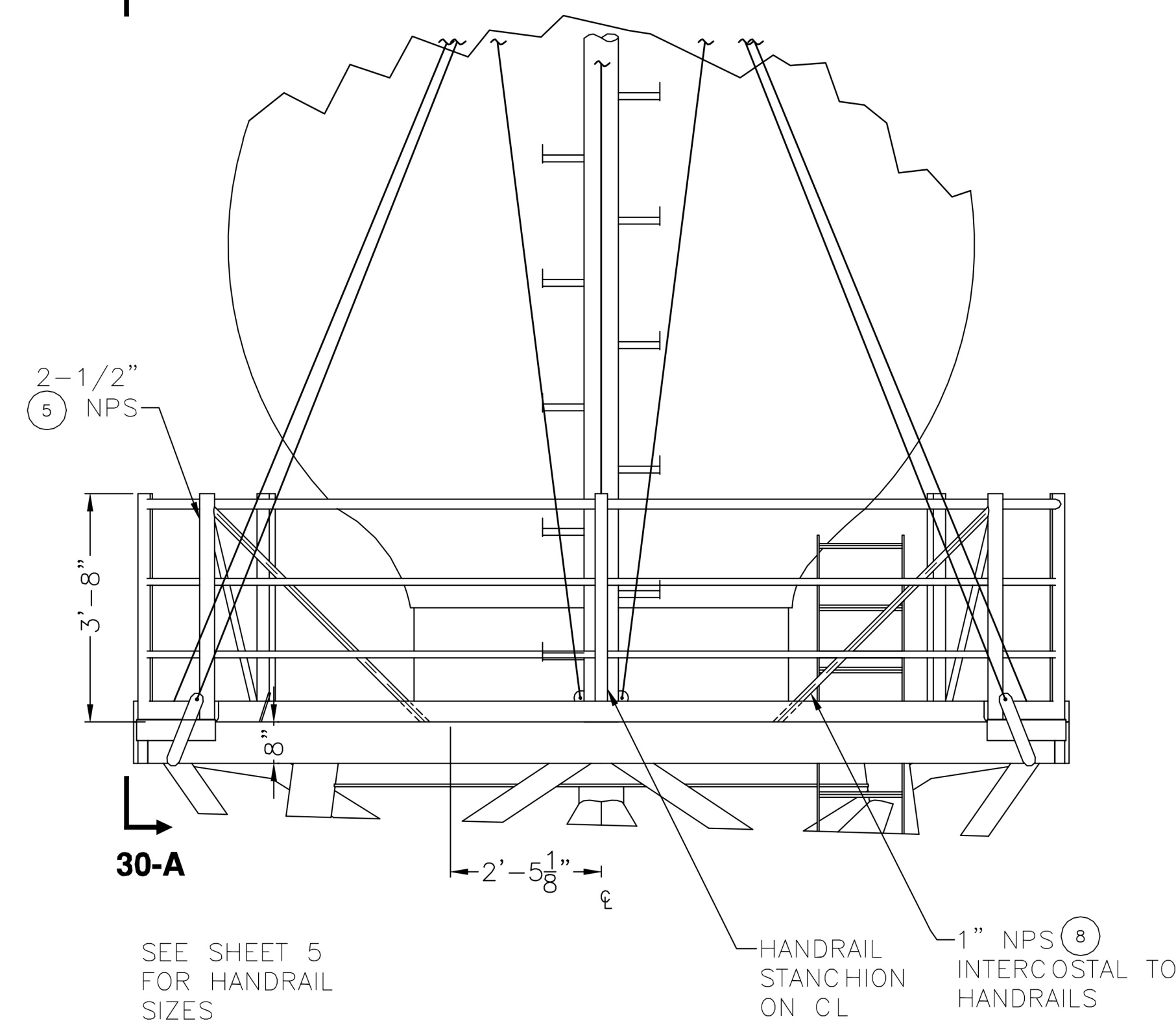


DETAIL 28-C
MAST LIGHT PLAN VIEW
SCALE: 1/2 IN = 1 FT



DETAIL 25-C
CLIMBING RUNGS
SCALE: 3 IN = 1 FT

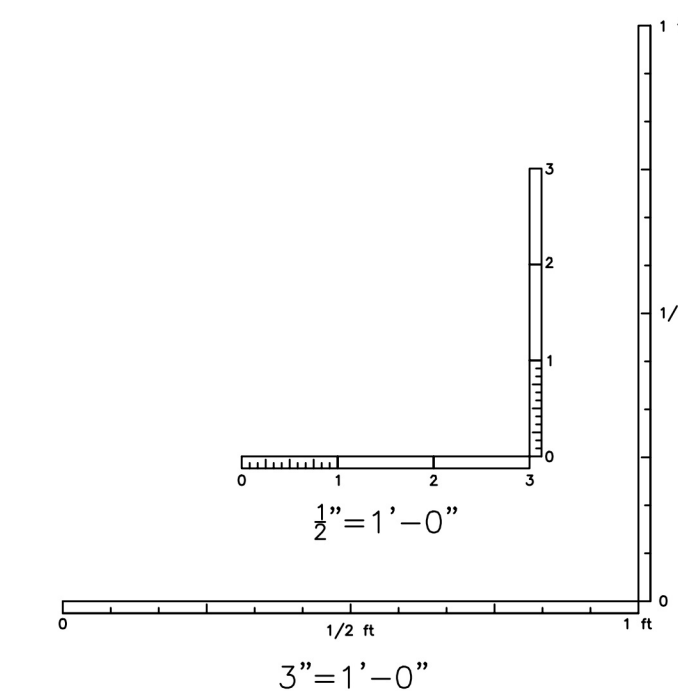
30-A

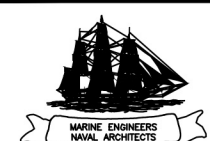


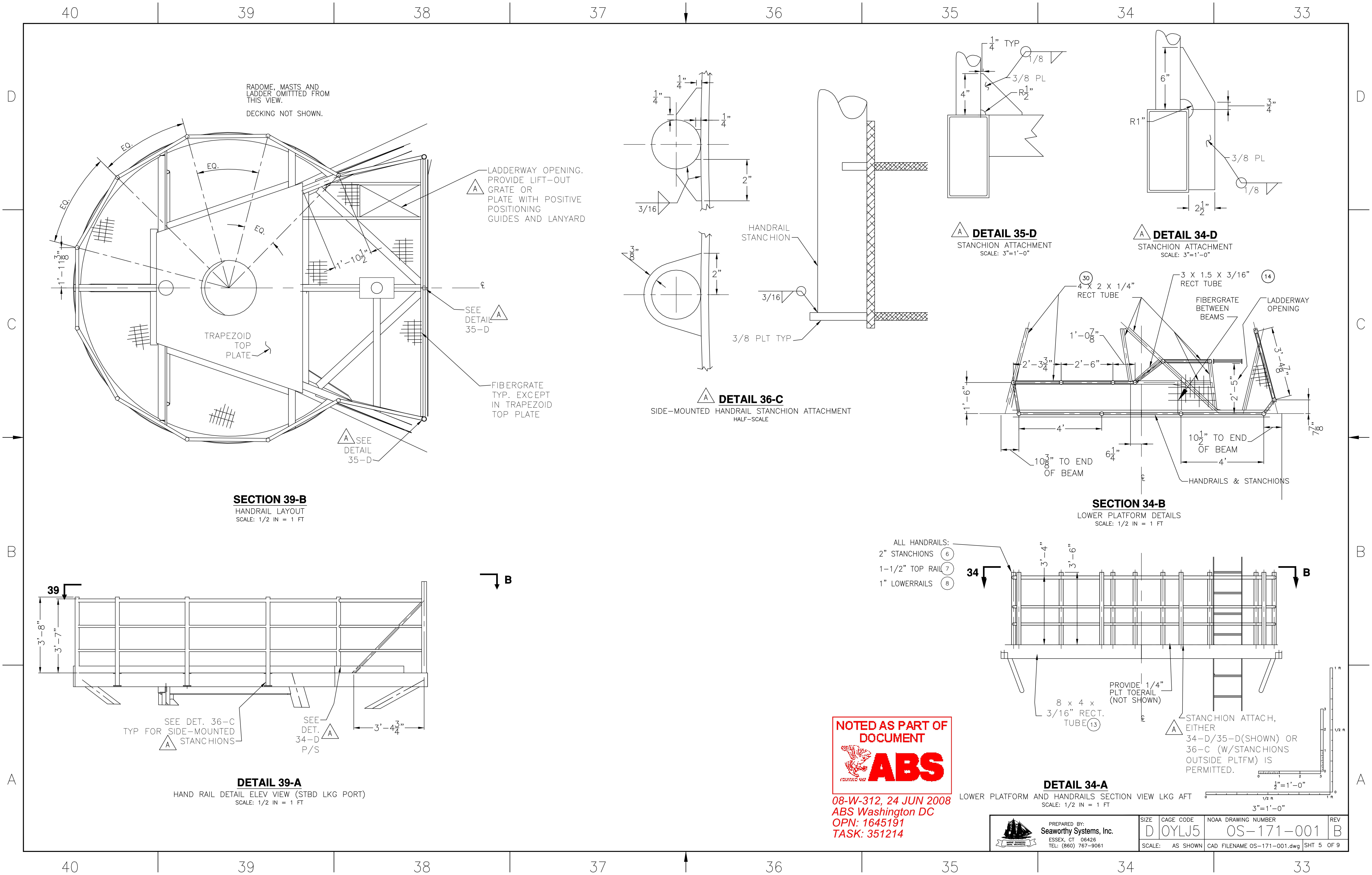
DETAIL 28-A
MAST LIGHT SECTION VIEW LKG AFT
SCALE: 1/2 IN = 1 FT

SEE SHEET 5
FOR HANDRAIL
SIZES

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RADOME, MASTS AND
LADDER OMITTED FROM
THIS VIEW.
DECKING NOT SHOWN.

LADDERWAY OPENING.
PROVIDE LIFT-OUT
GRATE OR
PLATE WITH POSITIVE
POSITIONING
GUIDES AND LANYARD

SEE
DETAIL
35-D

FIBERGRATE
TYP. EXCEPT
IN TRAPEZOID
TOP PLATE

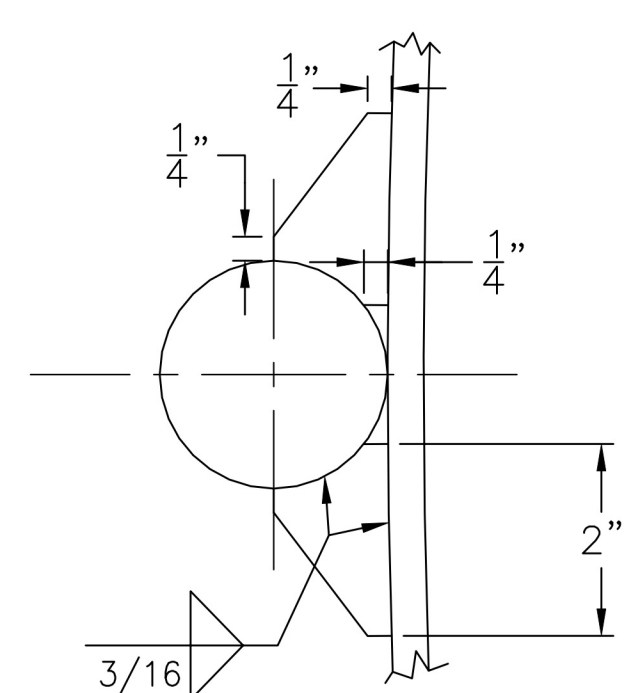
SEE
DETAIL
35-D

SECTION 39-B
HANDRAIL LAYOUT
SCALE: 1/2 IN = 1 FT

SEE DET. 36-C
TYP FOR SIDE-MOUNTED
STANCHIONS

SEE
DET.
34-D
P/S

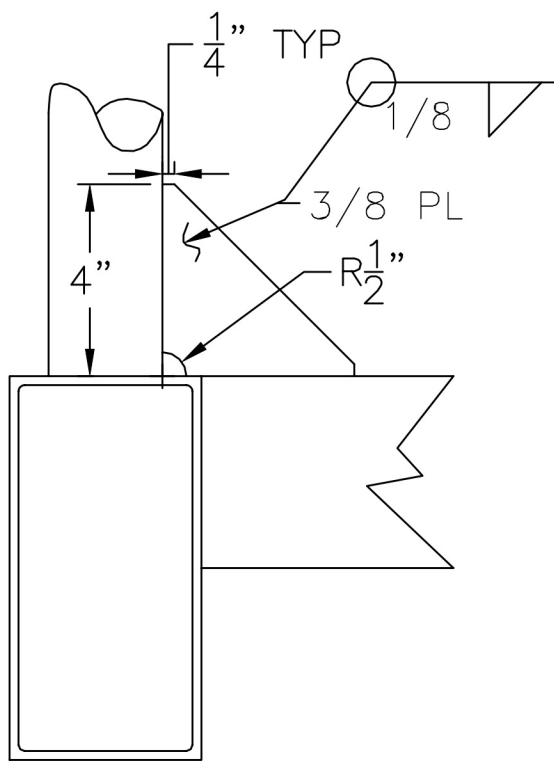
DETAIL 39-A
HAND RAIL DETAIL ELEV VIEW (STBD LKG PORT)
SCALE: 1/2 IN = 1 FT



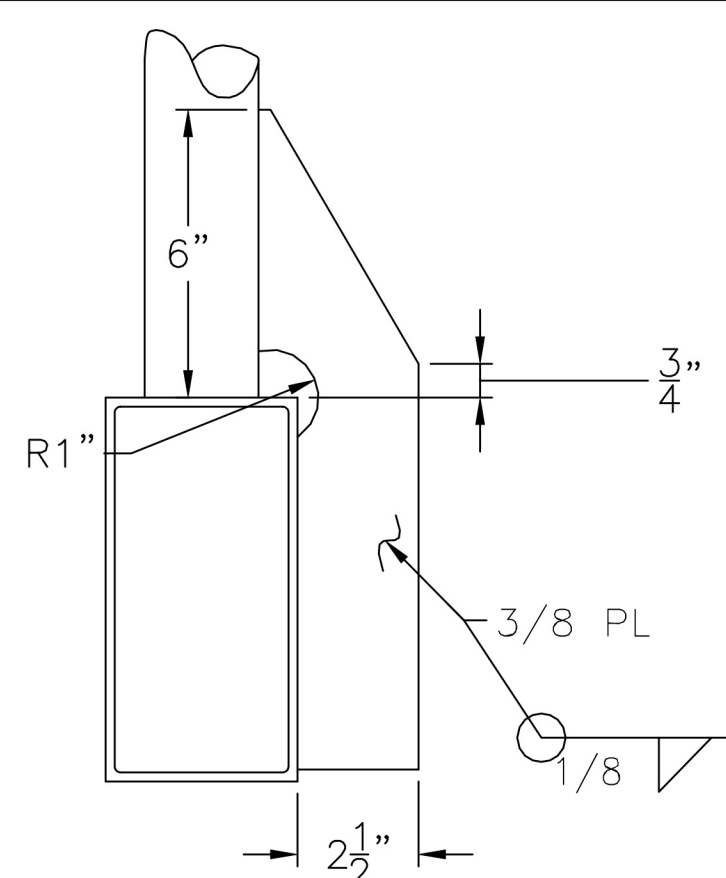
DETAIL 36-C
SIDE-MOUNTED HANDRAIL STANCHION ATTACHMENT
HALF-SCALE

HANDRAIL
STANCHION

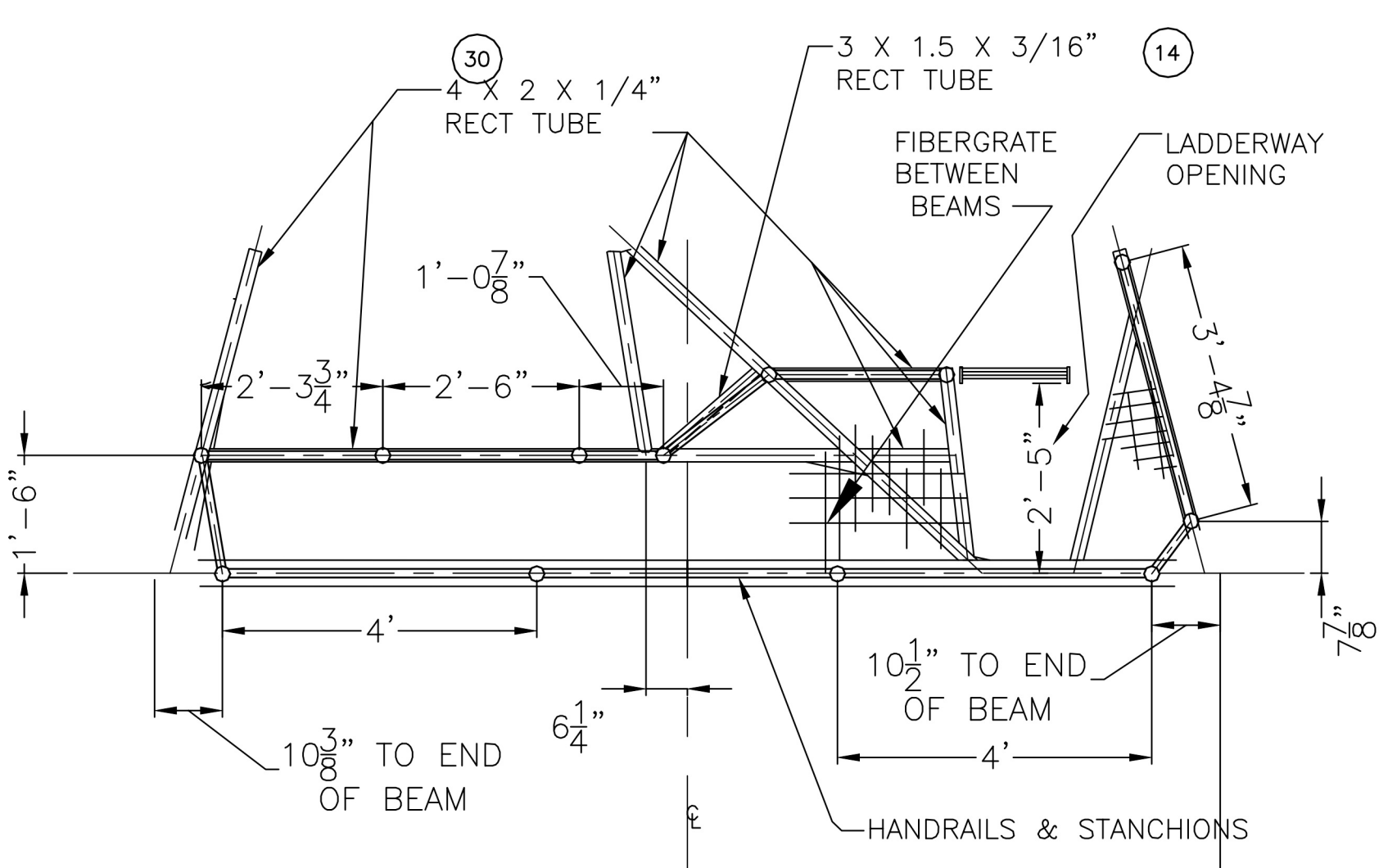
3/8 PLT TYP



DETAIL 35-D
STANCHION ATTACHMENT
SCALE: 3"=1'-0"

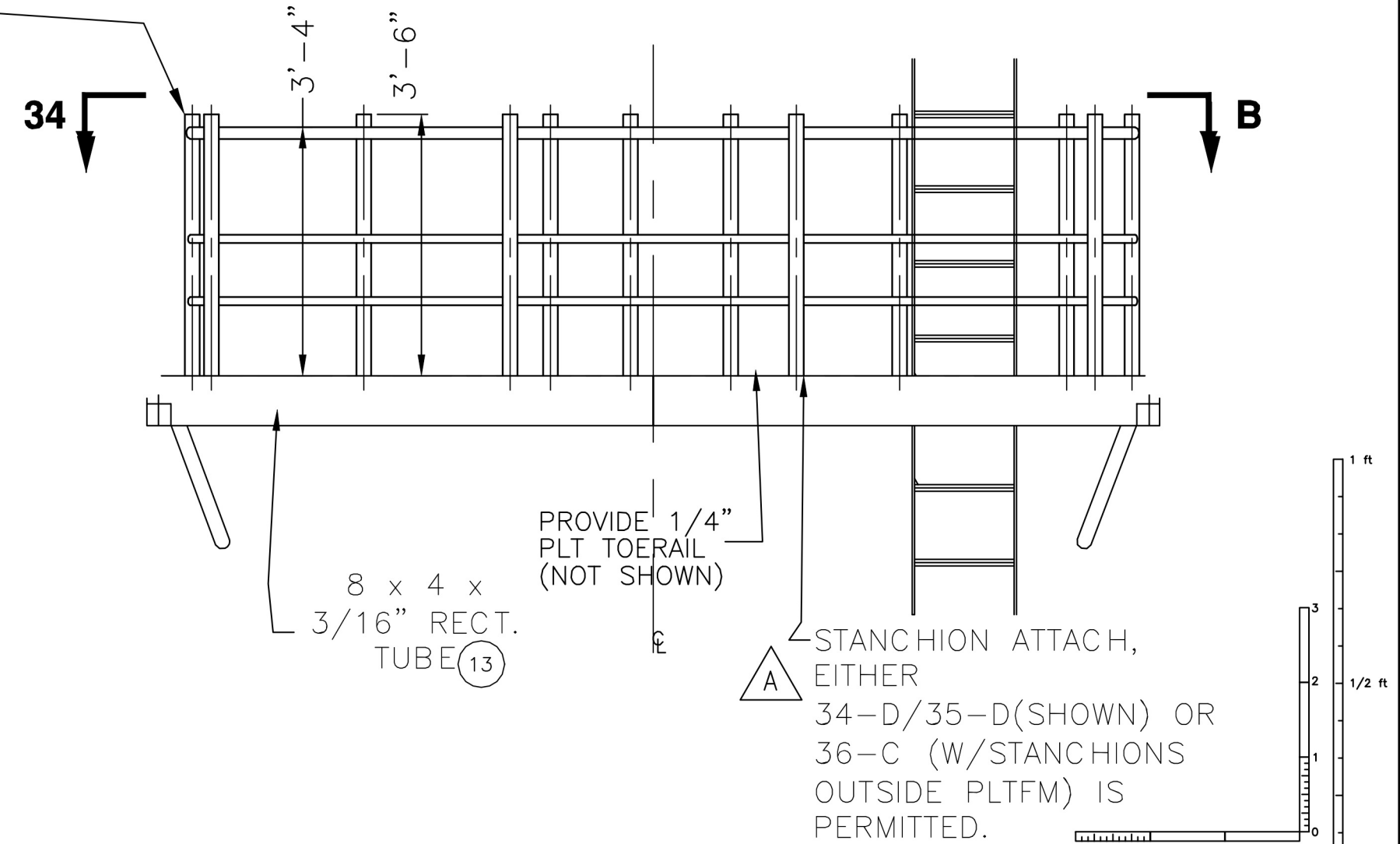


DETAIL 34-D
STANCHION ATTACHMENT
SCALE: 3"=1'-0"



SECTION 34-B
LOWER PLATFORM DETAILS
SCALE: 1/2 IN = 1 FT

ALL HANDRAILS:
2" STANCHIONS (6)
1-1/2" TOP RAIL (7)
1" LOWERRAILS (8)



DETAIL 34-A
LOWER PLATFORM AND HANDRAILS SECTION VIEW LKG AFT
SCALE: 1/2 IN = 1 FT



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48

47

46

45

44

43

42

41

D

D

C

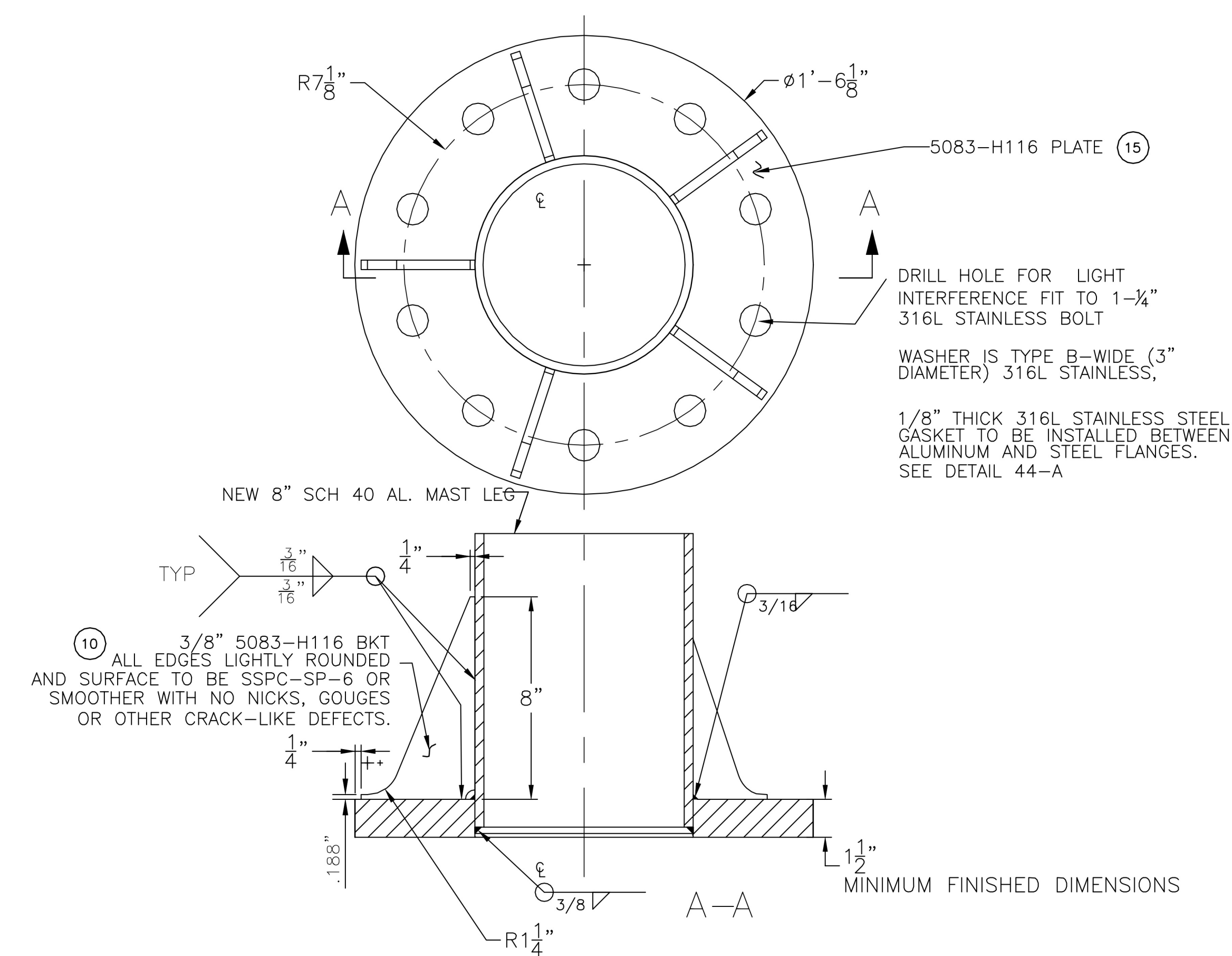
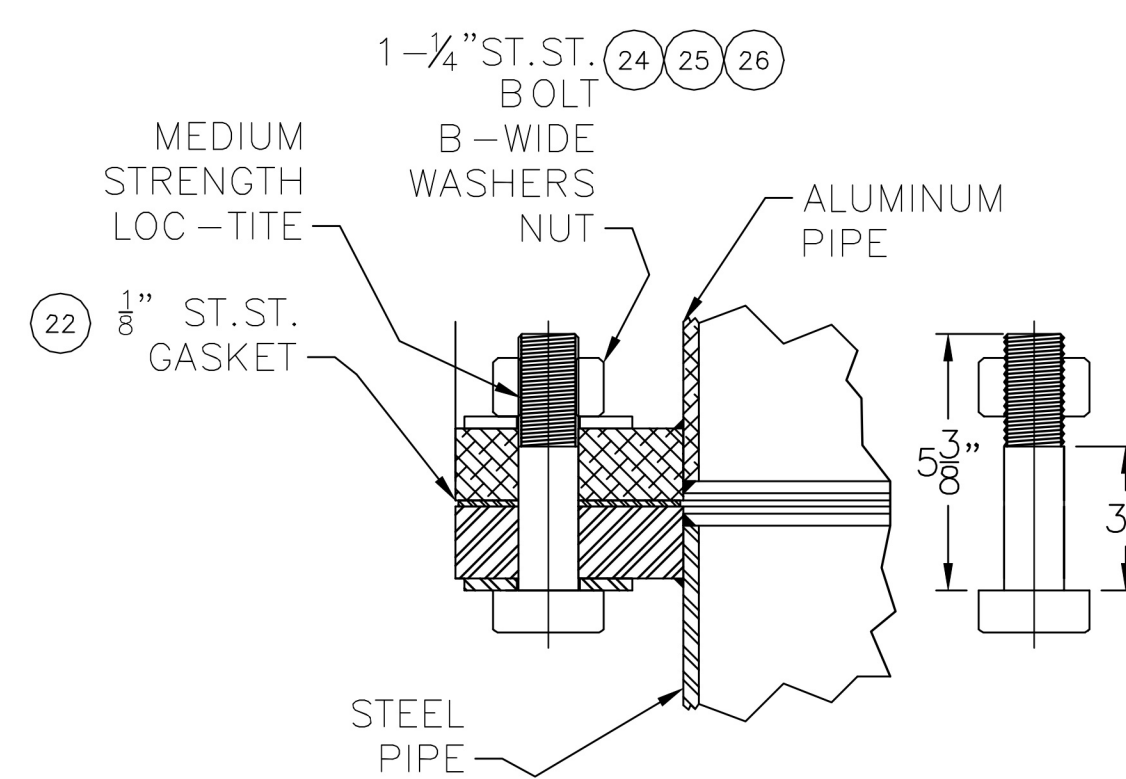
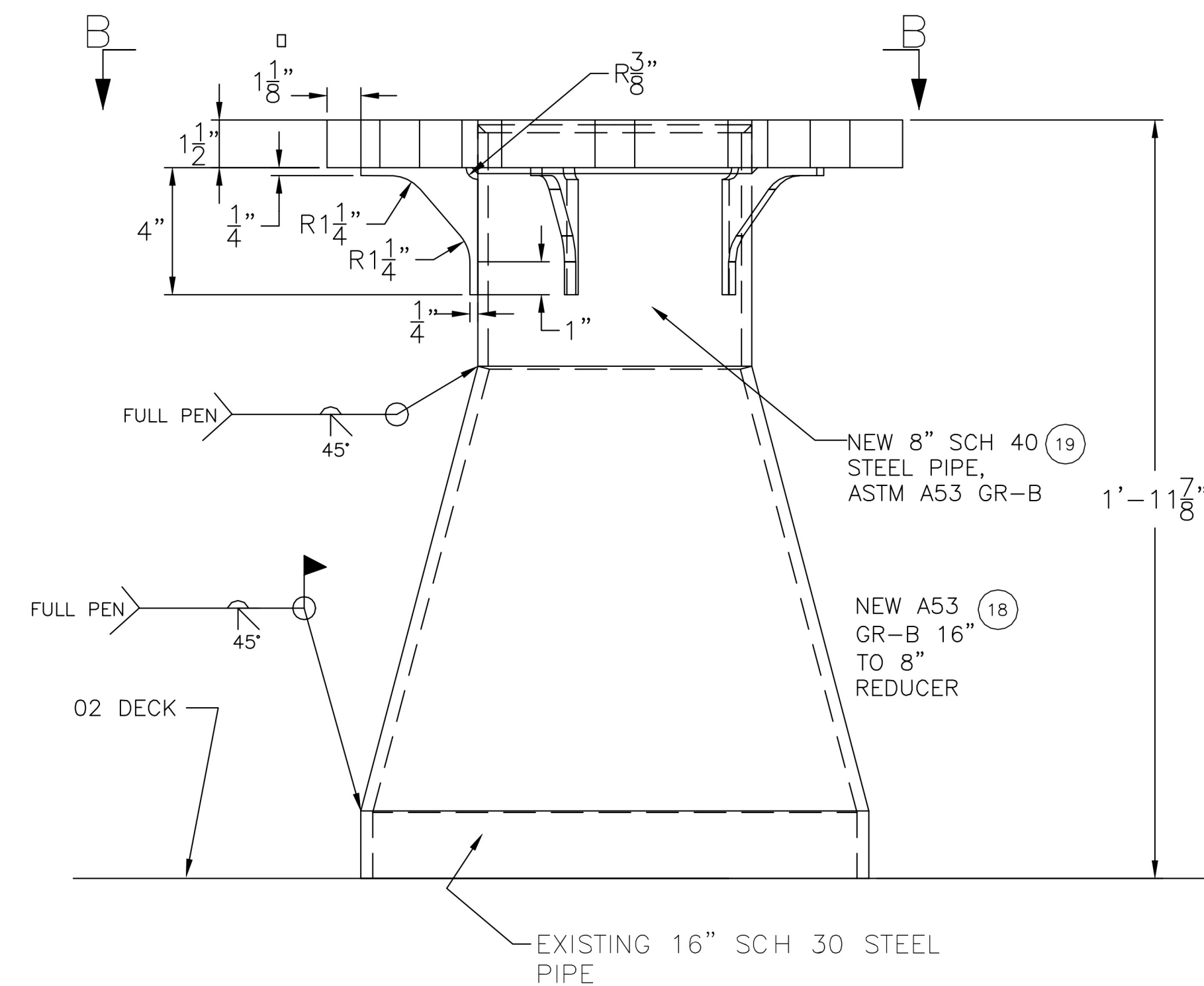
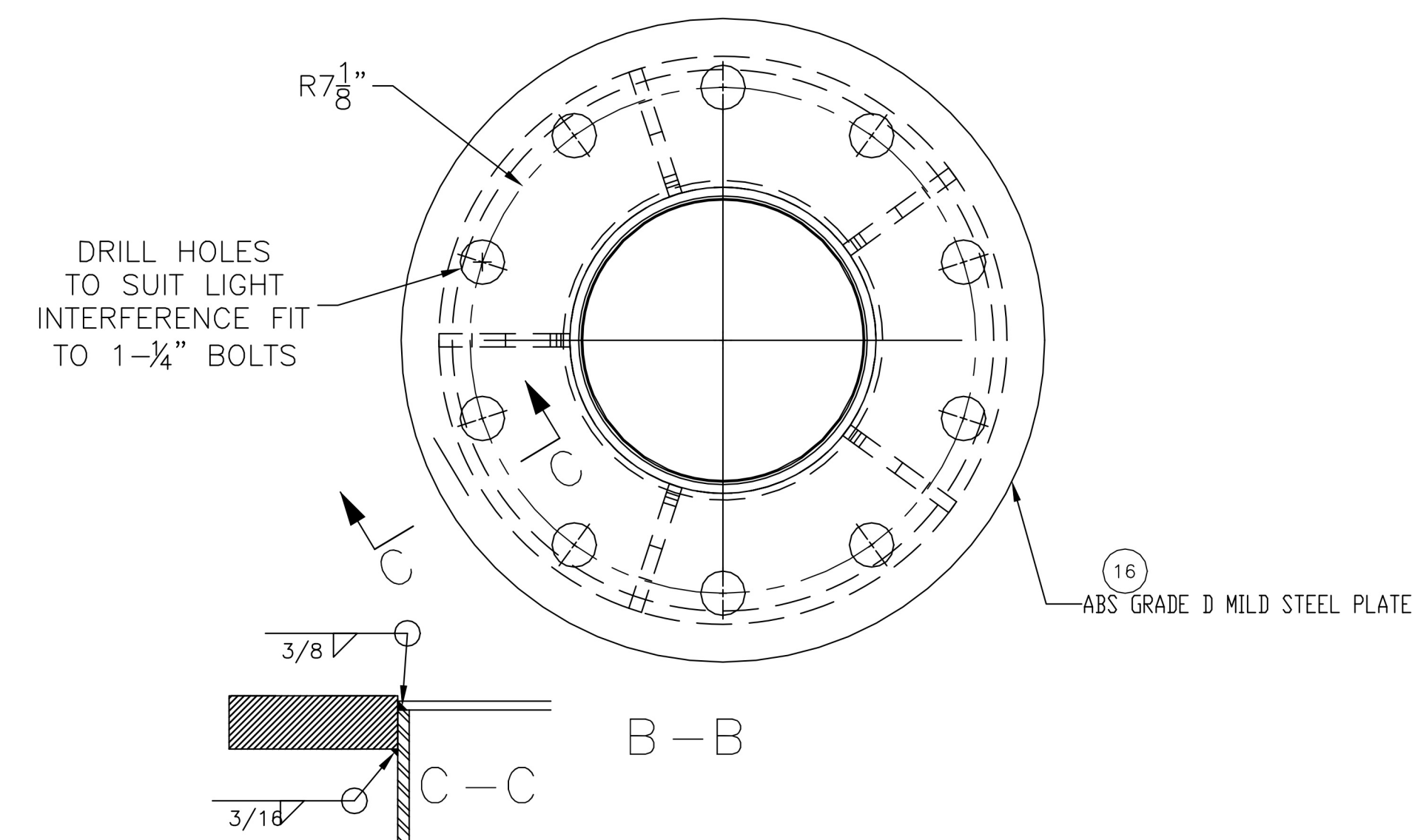
C

B

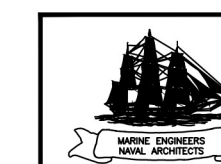
B

A

A

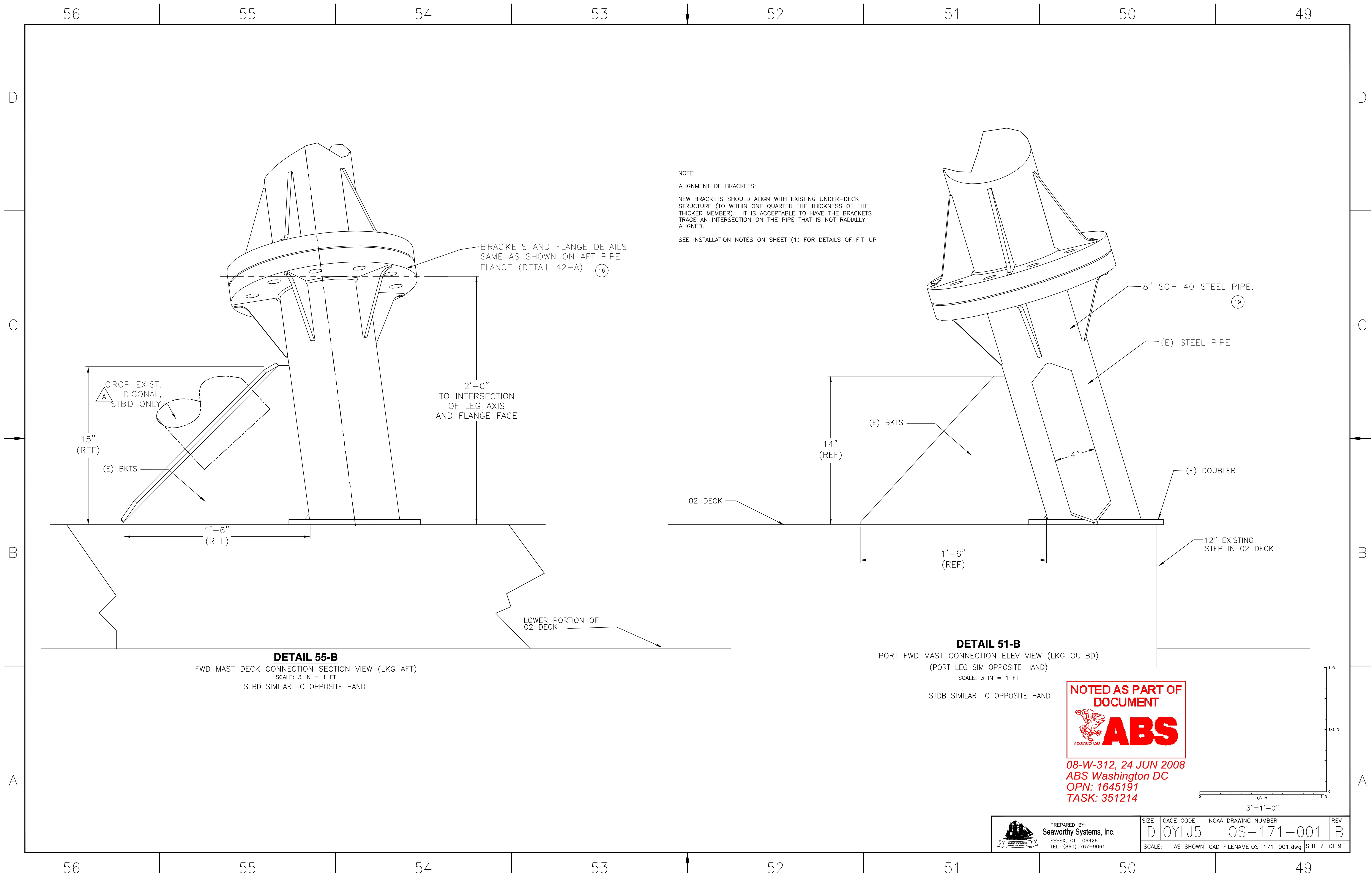
**DETAIL 47-A**ALUMINUM FLANGE DETAIL
SCALE: 3 IN = 1 FT**DETAIL 44-A**FLANGE BOLT DETAIL
SCALE: 3 IN = 1 FT**DETAIL 42-A**AFT MAST DECK CONNECTION DETAIL
SCALE: 3 IN = 1 FT

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64

63

62

61

60

59

58

57

D

C

B

A

D

C

B

A

TOP: FISHING LIGHTS (GREEN)
BOTTOM: UPPER TASK LIGHTS (RED)

61
A (SIM)

LIGHT MAST (2)

MIDDLE TASK LIGHTS (WHITE)

60

DIAMOND RIG
(33) (34) (35)
(36)

58

60

A

LOWER TASK LIGHTS (RED)

DUAL MAST HEAD LIGHT

MAST STEPS
SEE DETAIL 25-C

AFT STAY
(33) (34) (35)
(36)

FWD STAY
(33) (34) (35)
(36)

61

61

A

C

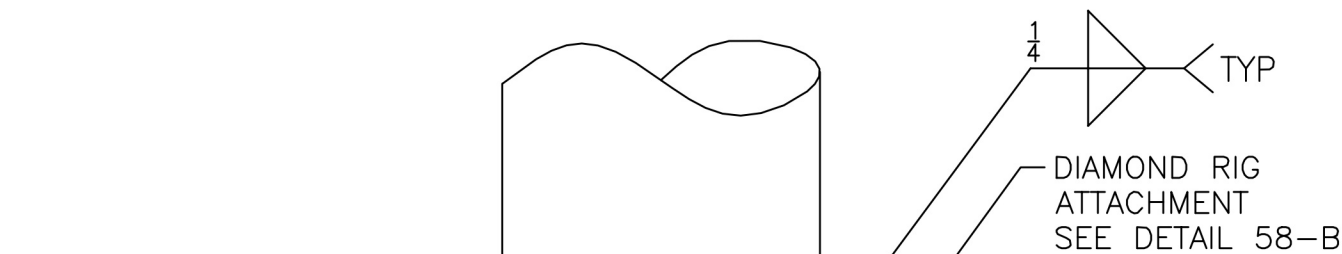
DETAIL 63-A

LIGHT MAST (LKG AFT)
SCALE: 1/2 IN = 1 FT

RIGGING NOTES:

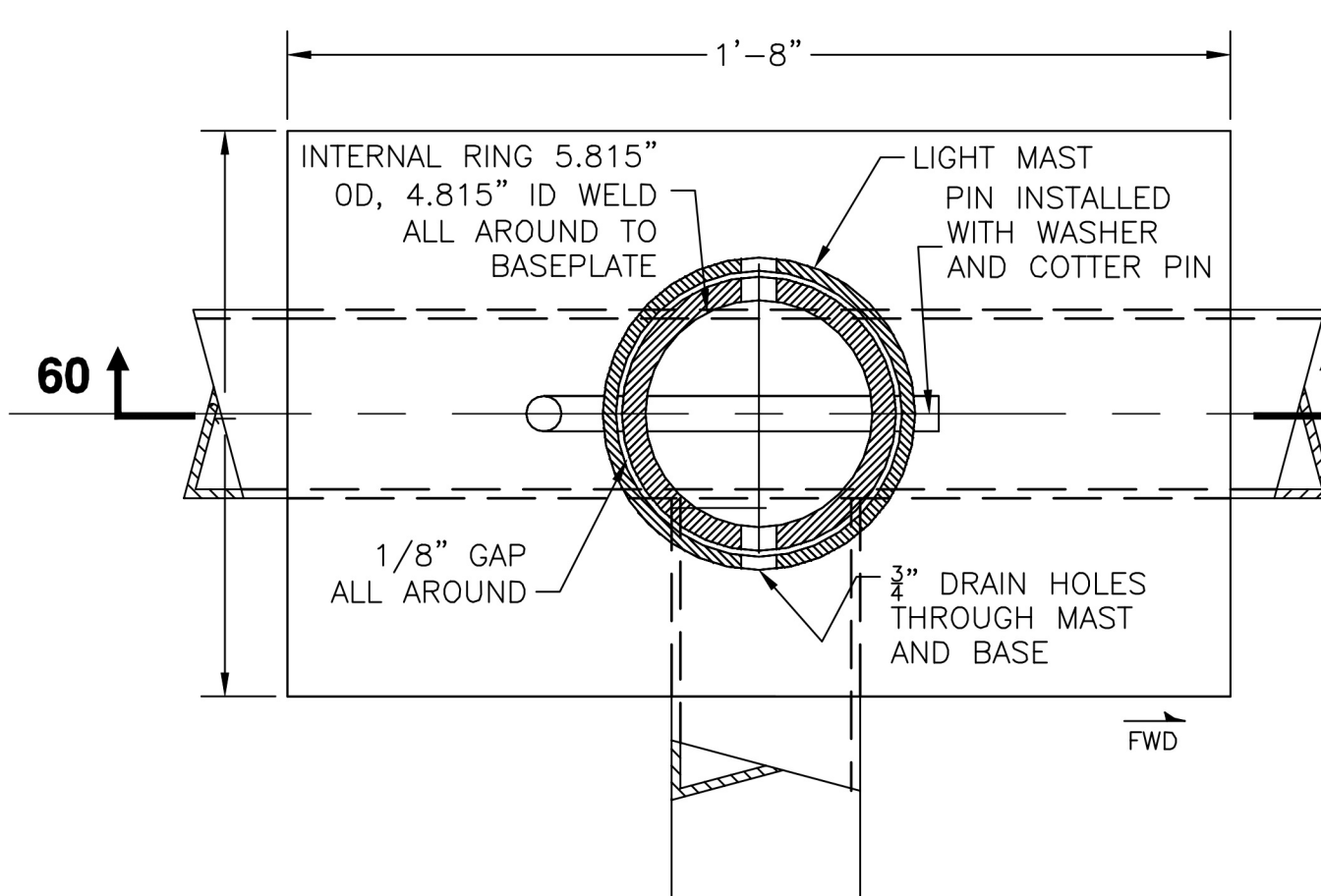
DIAMOND RIG TO USE FORK TERMINAL (PC #35) AT TOP OF MAST AND EYE TERMINAL (PC #36) AND TURNBUCKLE (PC #34) AT BOTTOM OF MAST.

LOWER STAYS TO USE FORK TERMINAL (PC #35) AT TOP OF MAST AND EYE TERMINAL (PC #36) AND TURNBUCKLE (PC #34) AT BOTTOM OF MAST.



DETAIL 61-C

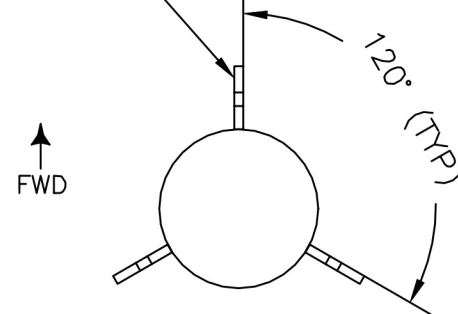
MAST BASE (LKG TO PORT)
SCALE: 3 IN = 1 FT



DETAIL 61-B

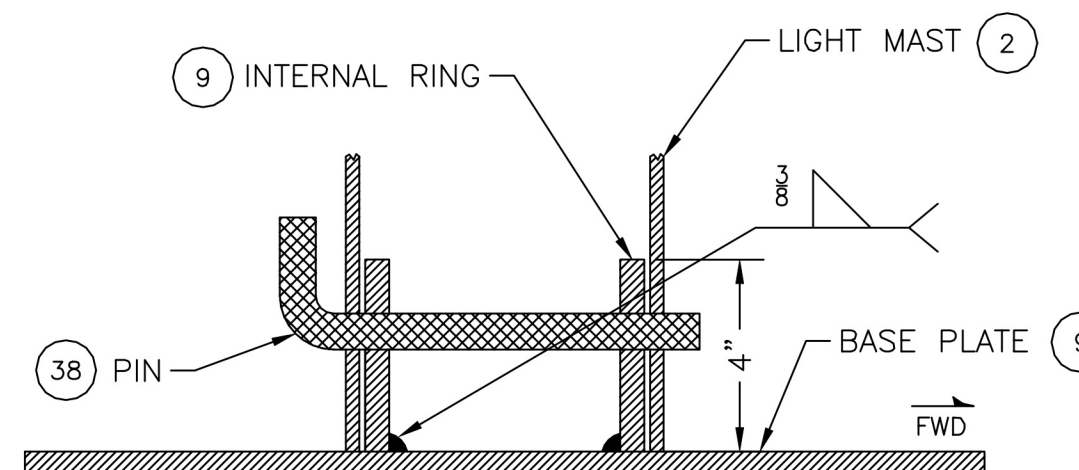
MAST BASE (LKG DOWN)
SCALE: 3 IN = 1 FT

SEE DETAIL 58-B (BOTTOM OF MAST)
SEE DETAIL 58-A (TOP OF MAST)



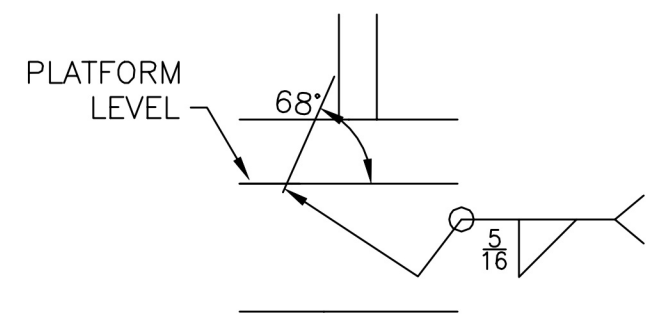
DETAIL 61-A

DIAMOND RIG ATTACHMENT BRACKET ARRGT (BOTTOM OF MAST)
SCALE: 1-1/2 IN = 1 FT



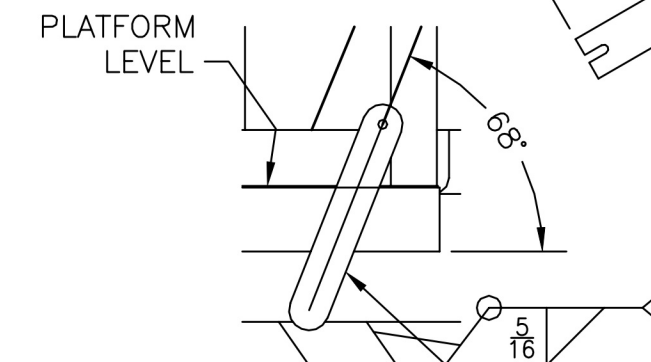
DETAIL 60-C

CROSS SECTION OF MAST BASE (LKG TO PORT)
SCALE: 3 IN = 1 FT



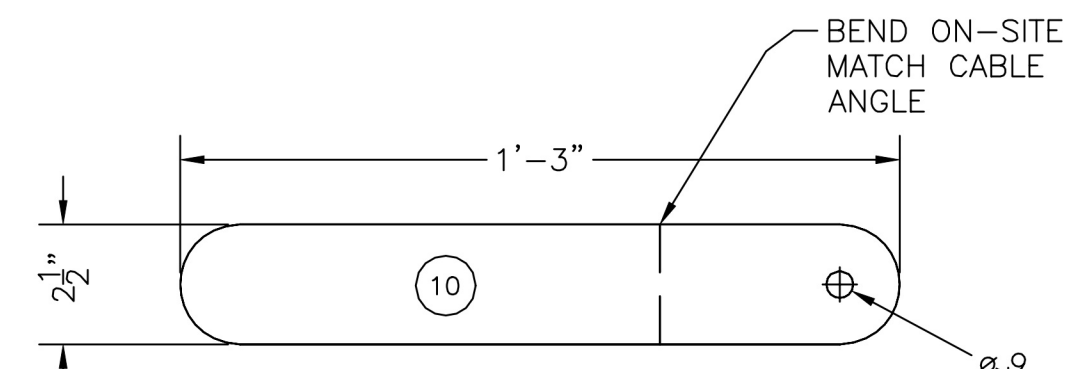
DETAIL 60-B1

AFT STAY BRACKET (PORT LKG STBD)
SCALE: 1 IN = 1 FT



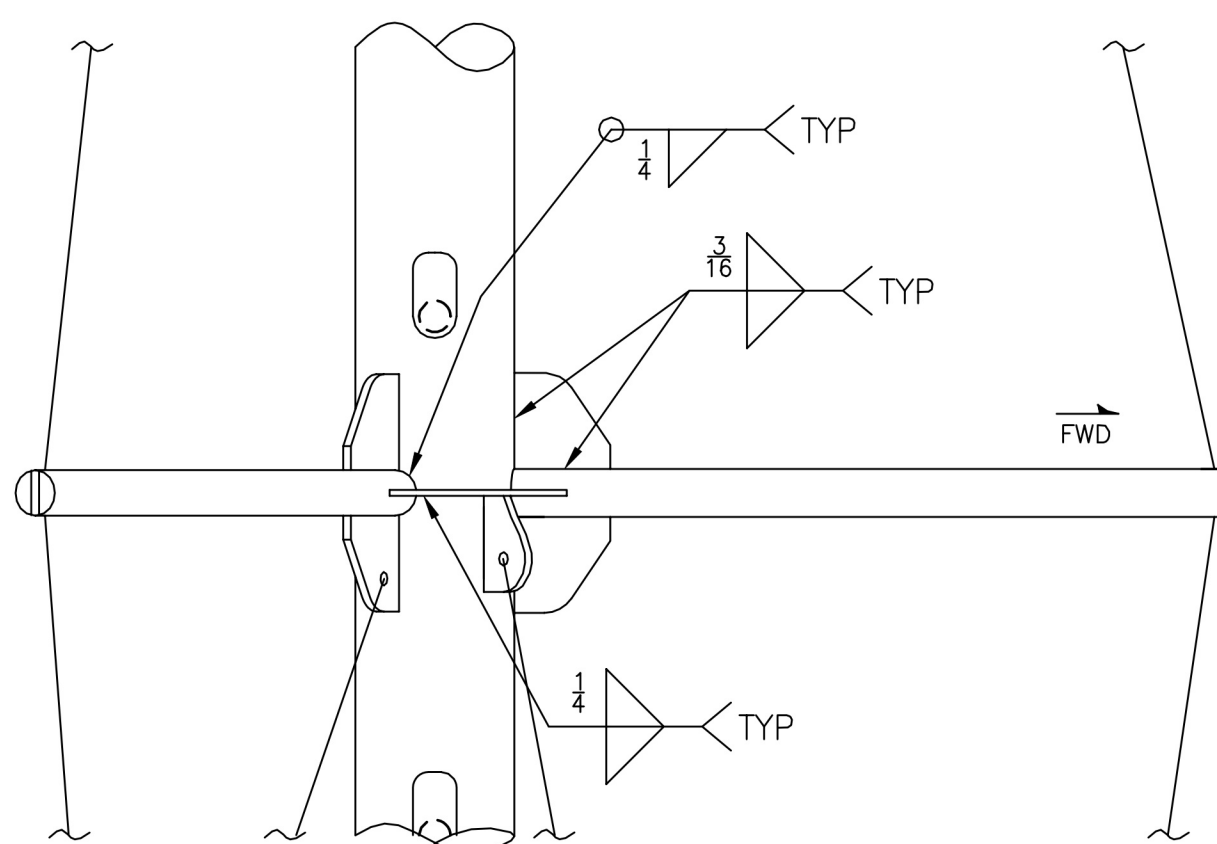
DETAIL 60-B2

FWD STAY BRACKET (FWD LKG AFT)
SCALE: 1 IN = 1 FT



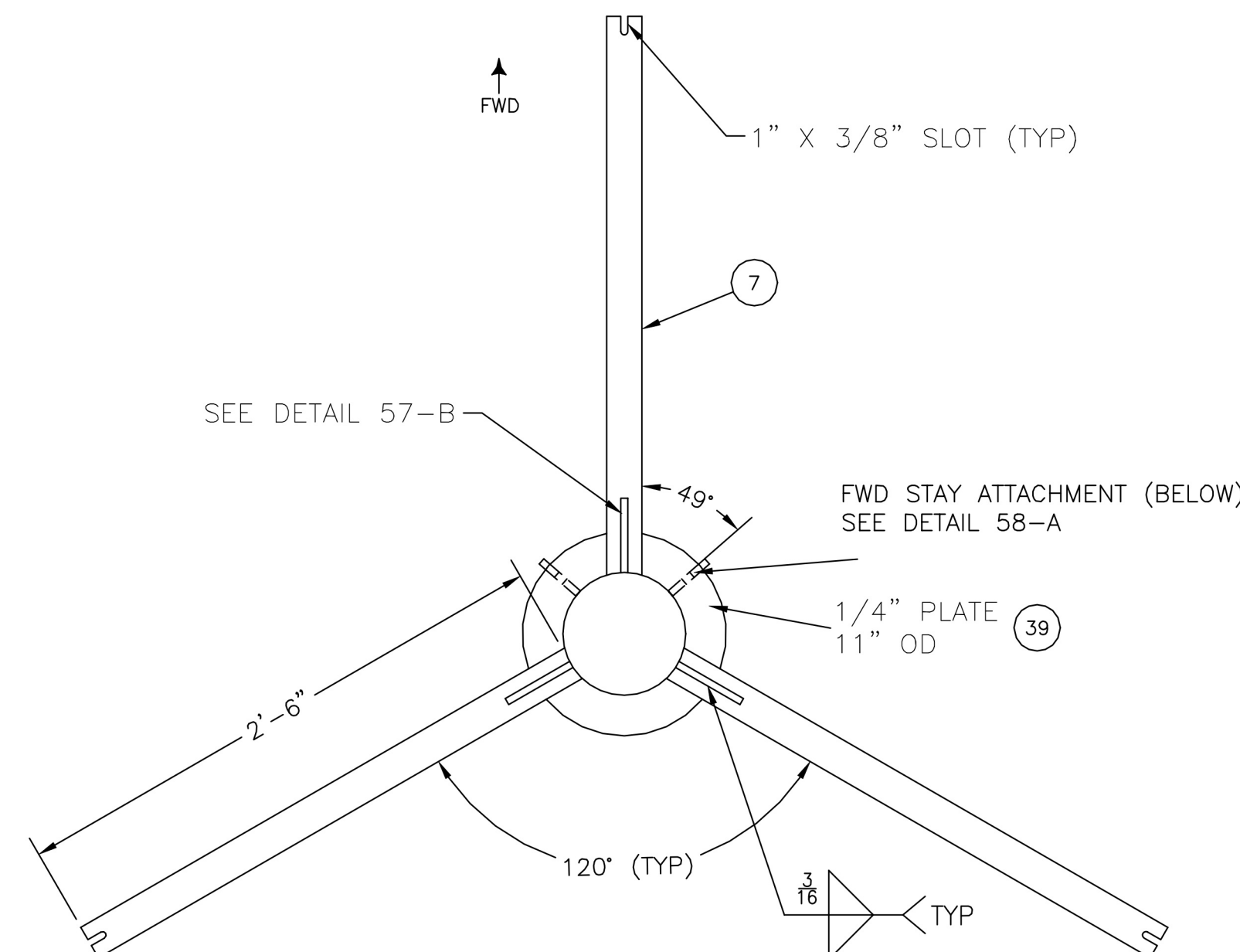
DETAIL 60-B

TYP. ATTACHMENT BRACKET (STAY TO PLATFORM)
SCALE: 3 IN = 1 FT



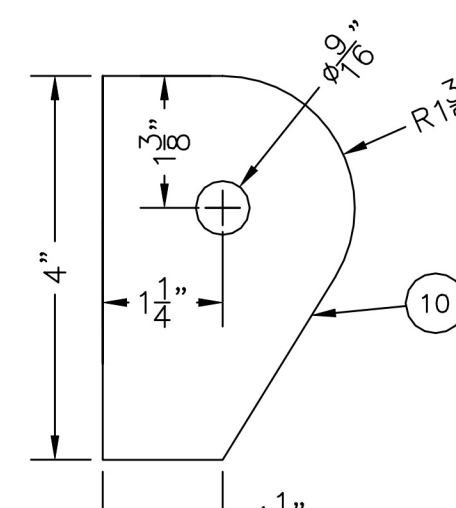
DETAIL 60-A

SPREADER ARRGT (LKG TO PORT)
SCALE: 1-1/2 IN = 1 FT



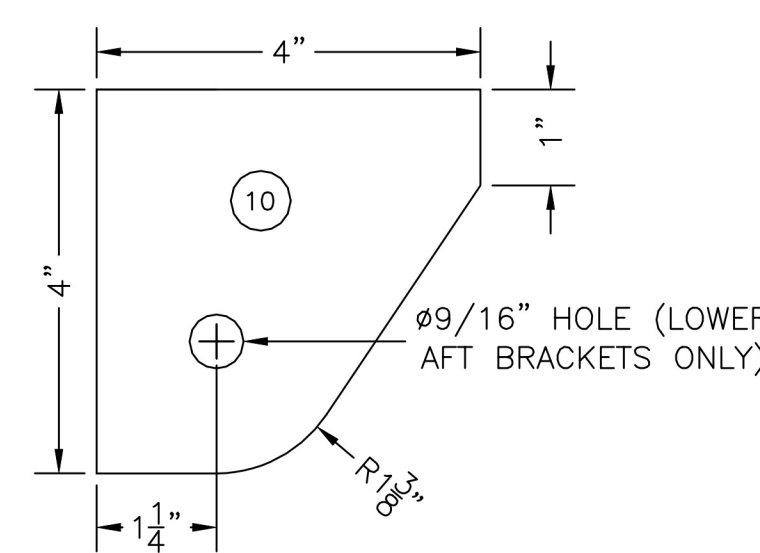
DETAIL 58-C

SPREADER ARRGT (LKG DOWN)
SCALE: 1-1/2 IN = 1 FT



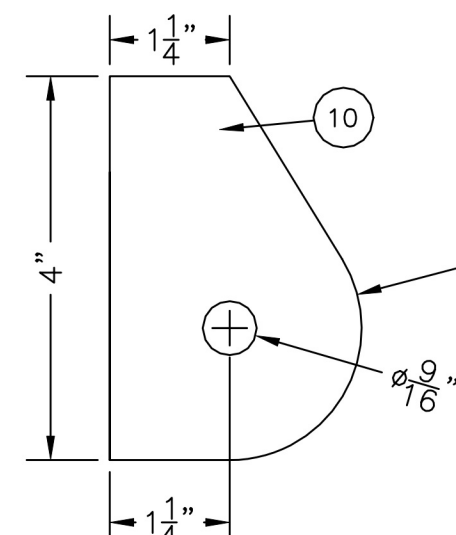
DETAIL 58-B

STAY ATTACHMENT BRACKET (BOTTOM OF MAST)
SCALE: 6 IN = 1 FT



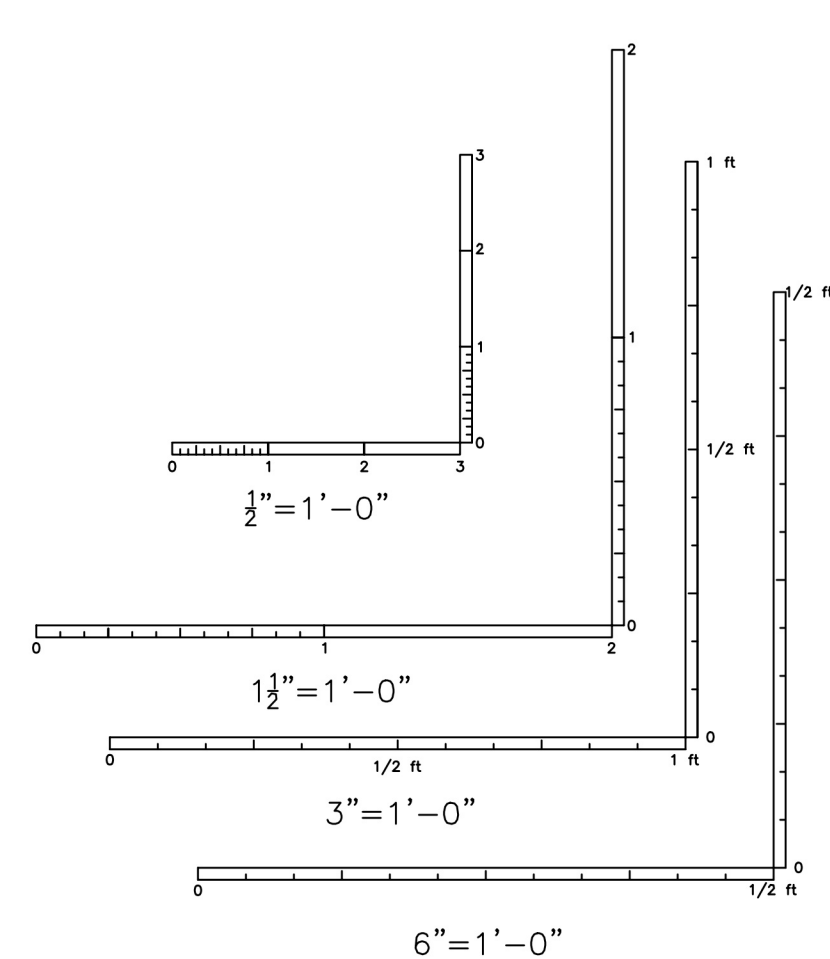
DETAIL 57-B

TYP. SPREADER BRACKET
SCALE: 6 IN = 1 FT



DETAIL 58-A

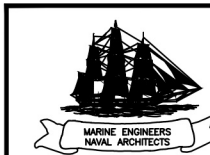
STAY ATTACHMENT BRACKET
SCALE: 6 IN = 1 FT



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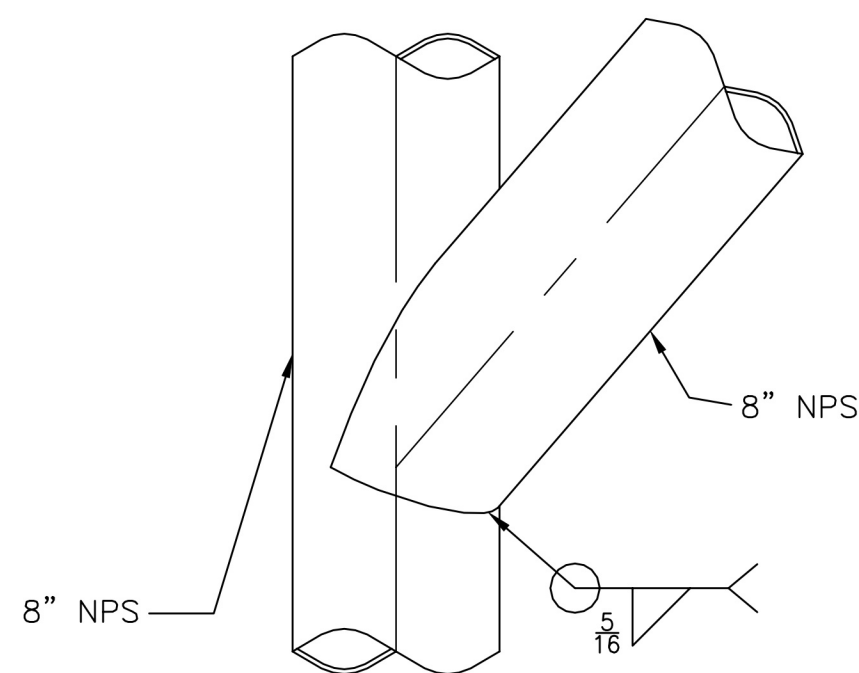


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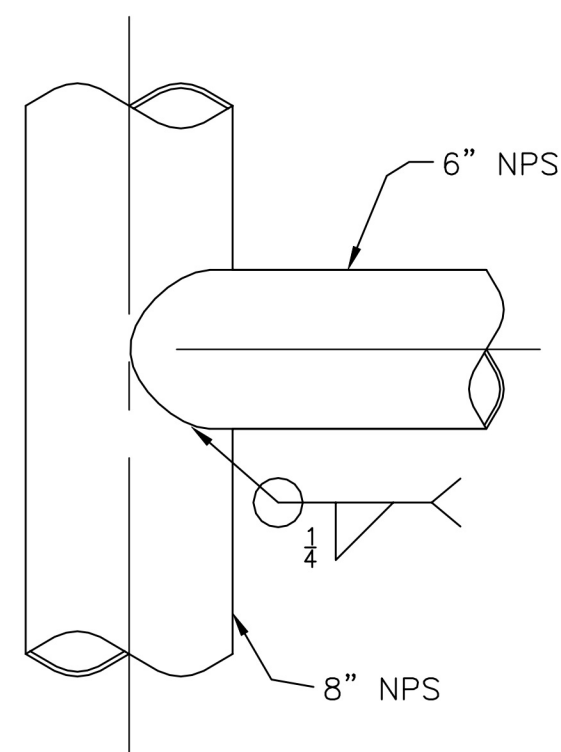


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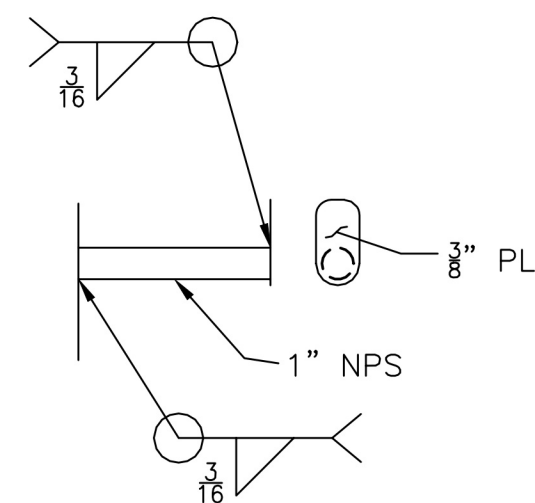
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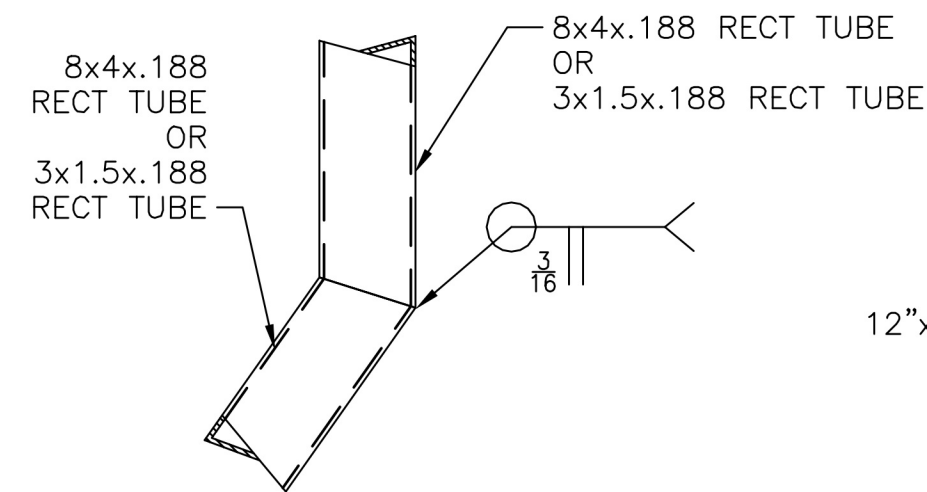
DETAIL 71-C
TYPICAL 8" TO 8" PIPE
WELDING DETAIL
SCALE: 1-1/2 IN = 1 FT



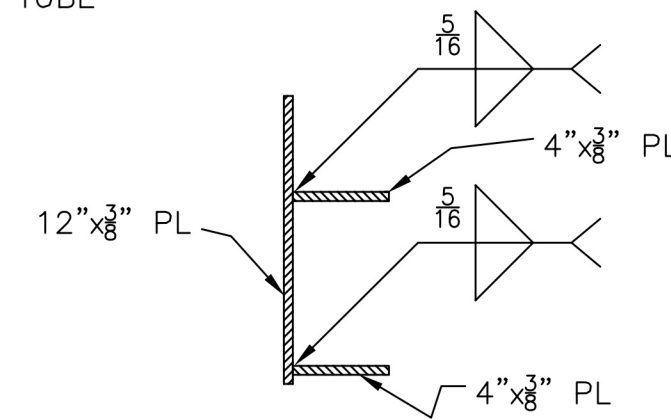
DETAIL 70-C
TYPICAL 6" TO 8" PIPE
WELDING DETAIL
SCALE: 1-1/2 IN = 1 FT



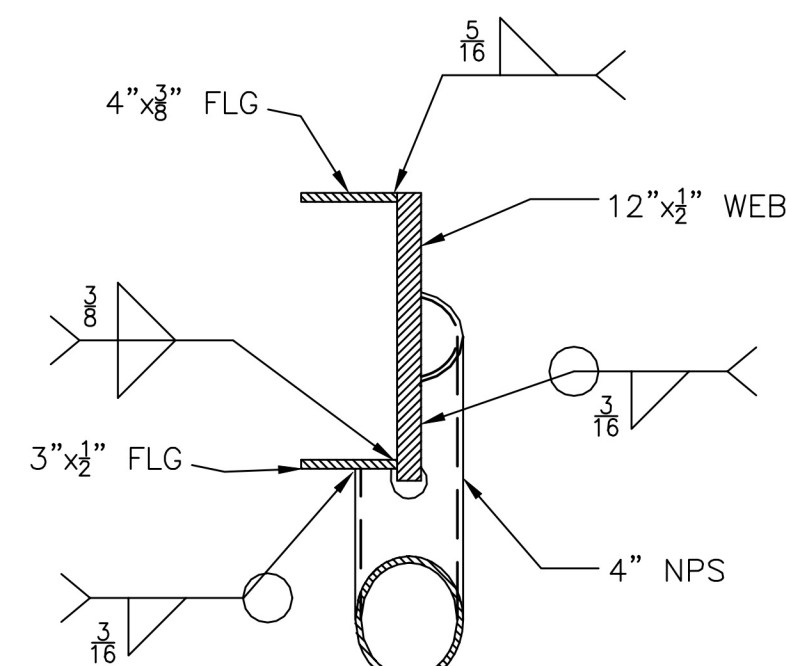
DETAIL 69-C
TYPICAL CLIMBING RUNGS
WELDING DETAIL
SCALE: 1-1/2 IN = 1 FT



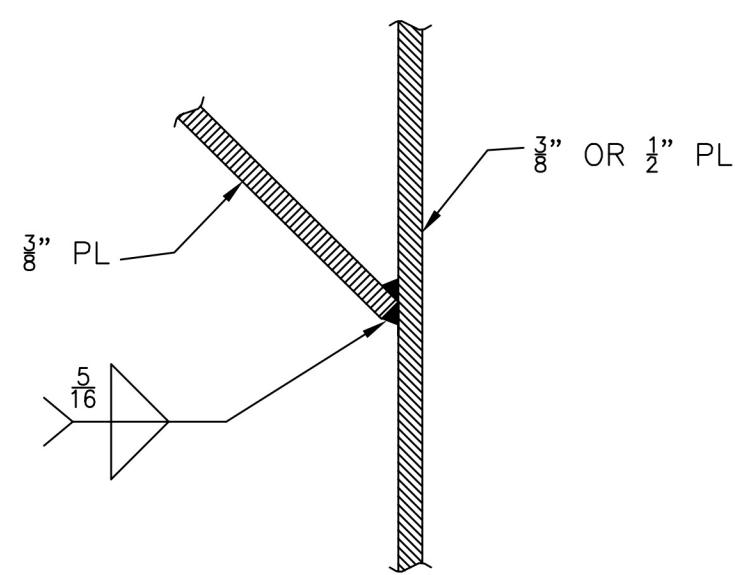
DETAIL 68-C
TYPICAL RECT. TUBE MITER JOINT
WELDING DETAIL
SCALE: 1-1/2 IN = 1 FT



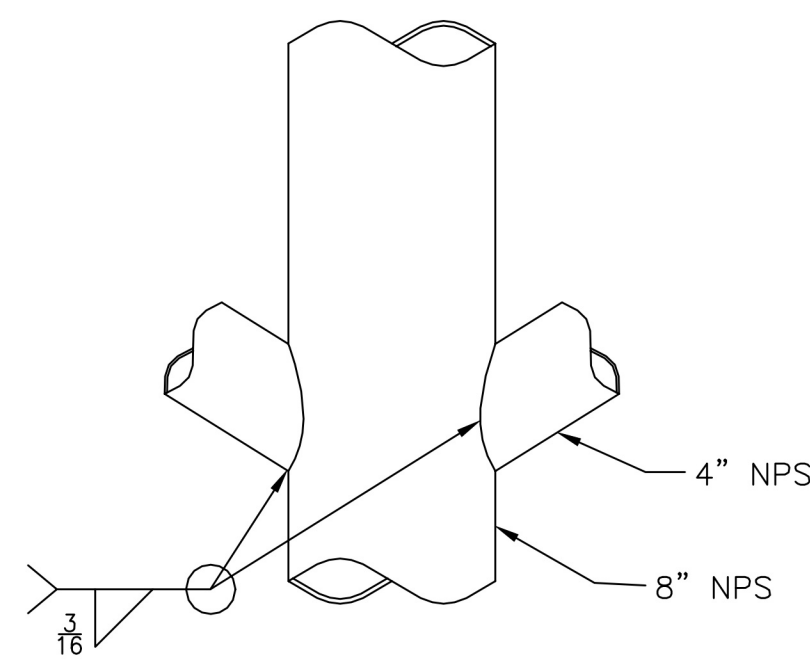
DETAIL 67-C
TYPICAL RING FRAME
WELDING DETAIL
SCALE: 1-1/2 IN = 1 FT



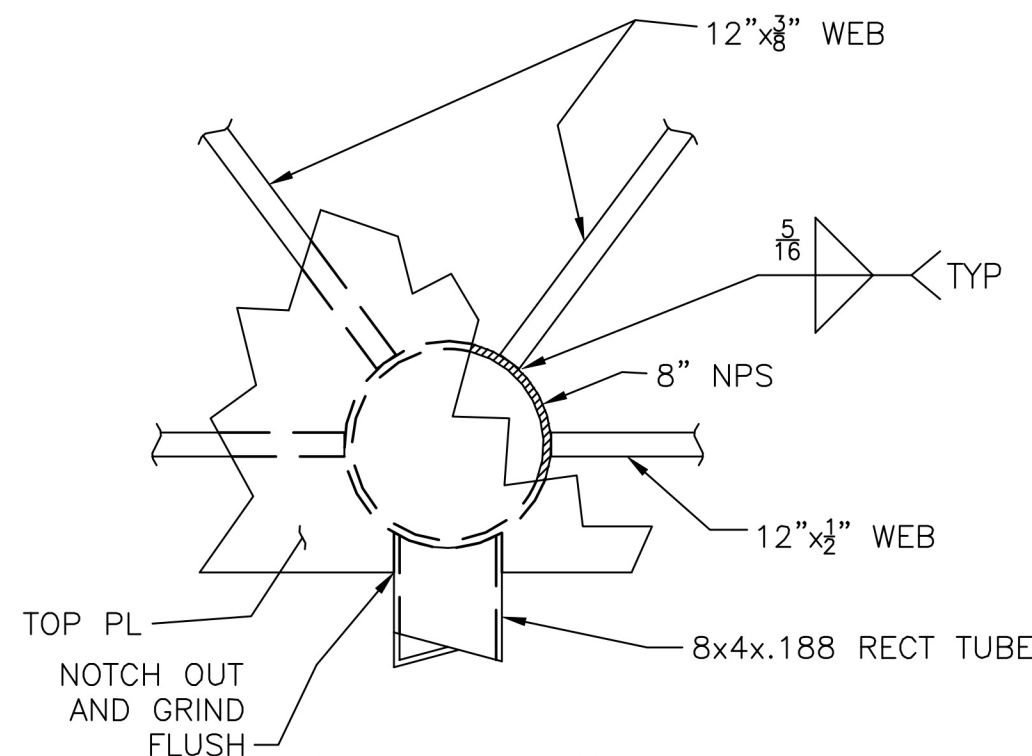
SEE ALSO
SECTION 22-C
DETAIL 66-C
TYPICAL PIPE TO PLATE
WELDING DETAIL
SCALE: 1-1/2 IN = 1 FT



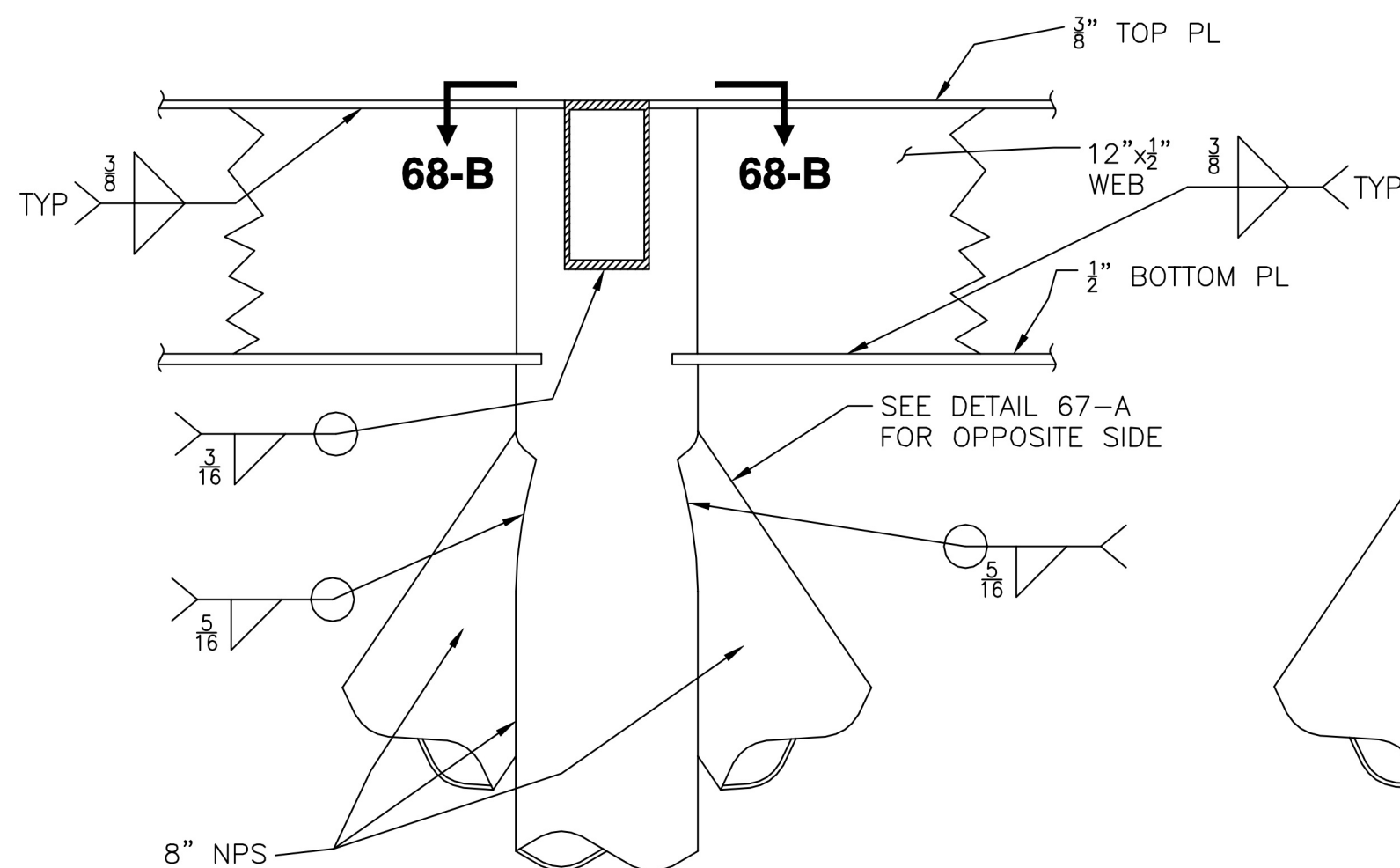
DETAIL 71-B
TYPICAL PLATE TO PLATE
WELDING DETAIL
SCALE: 1-1/2 IN = 1 FT



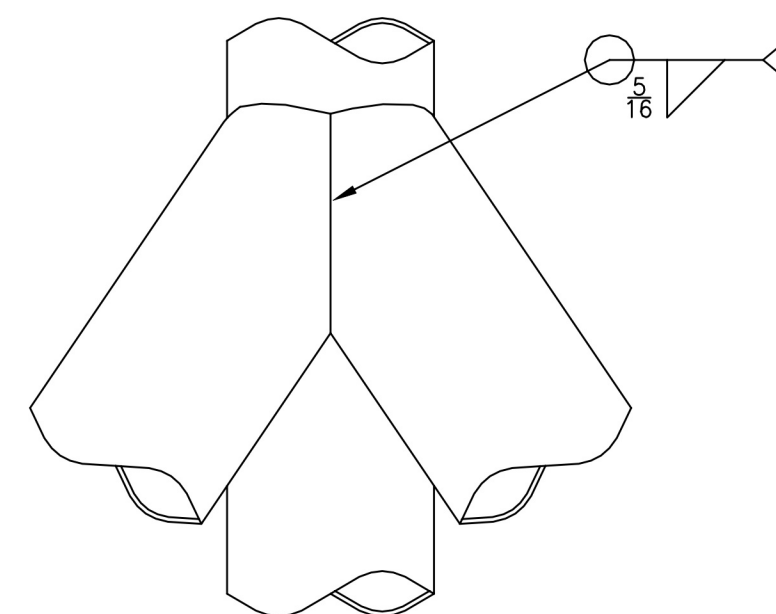
DETAIL 70-B
TYPICAL SMALL PIPE TO LARGE PIPE
WELDING DETAIL
SCALE: 1-1/2 IN = 1 FT



DETAIL 68-B
PLAN VIEW OF PIPE TO PLATFORM
SCALE: 1-1/2 IN = 1 FT



DETAIL 68-A
TYPICAL LARGE PIPE TO UPPER
PLATFORM WELDING DETAIL
SCALE: 1-1/2 IN = 1 FT



DETAIL 67-A
REVERSE SIDE OF DETAIL 60-A
SCALE: 1-1/2 IN = 1 FT

WELDING NOTES:

1. REFER TO TABLES ON THIS SHEET FOR GUIDANCE ON WELD SIZES AND FILLER MATERIAL.

WELD SIZES	
LESSER THICKNESS OF MEMBERS JOINED	FILLET WELD LEG SIZE
< 1/4"	3/16"
1/4" - 5/16"	1/4"
5/16" - 3/8"	5/16"
3/8" - 7/16"	3/8"
7/16" - 1/2"	3/8"

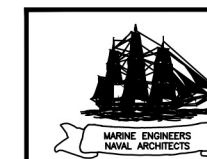
FILLER MATERIAL	
MATERIAL	FILLER
5083 TO 5083	5183
5083 TO 6061	5356
6061 TO 6061	5183 OR 4043

SCHEDULE 40 PIPE SIZES		
NOM.	O.D.	WALL THICKNESS
1"	1.315"	.133"
1-1/2"	1.900"	.145"
2"	2.375"	.154"
2-1/2"	2.875"	.203"
3"	3.500"	.216"
4"	4.500"	.237"
6"	6.625"	.280"
8"	8.625"	.322"



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1 1/2" = 1'-0"



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